

State the inequality represented on each number line.

1.



2.



Draw a graph of each inequality.

3. $x \geq 3$



4. $x < -1$



5. $x \geq 2$



6. $x > \frac{1}{2}$



Algebra/Geometry 5
Review: Inequalities

Name: _____
Date: _____

13. $4x - 7 \geq 17$



14. $2x + 36 \leq 4$



15. $37 \leq 17 - 2x$

16. $-3 - 7x \geq -17$

17. $-4x - 11 > 5 - 2x$



18. $2x - 5 \leq 3x + 2$



19. $2x - 5 \geq 2(2x + 3)$



20. $3(x - 3) < 2x + 1$



19. $2x - 5 \geq 2(2x + 3)$



20. $3(x - 3) < 2x + 1$



21. $-2x + 3(x + 3) > -4x - 6$



22. $3x - 4 \leq 2(-2x + 4) + 5x$



$$23. 1 + 2(x - 1) > -11$$



$$24. 9 > -7(x + 2) - 5$$



